P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACETAMINOPHEN (4-HYDROXYACETANILIDE)

**CAS Number:** 103-90-2

Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

24HR-NIGHT

C Number:

Species/Strain: RATS/F 344

C55801E

Lock Date:

09/30/2003

Cage Range:

ALL

**Date Range:** 

ALL

**Reasons For Removal:** 

ALL

**Removal Date Range:** 

ALL

**Treatment Groups:** 

Include 003 0 MG/KG 24 HR-N

Include 015 1500MG/K24 HR-N

Include 007 50 MG/KG24 HR-N

Include 019 2000MG/K24 HR-N

Date Report Reqsted: 01/11/2007 Time Report Reqsted: 12:12:22 First Dose M/F: 12/16/02 / NA

Lab: BAT

Include 011 150MG/KG24 HR-N

Species/Strain: RATS/F 344

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**CAS Number:** 103-90-2

Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Regsted: 01/11/2007 Time Report Reqsted: 12:12:22 First Dose M/F: 12/16/02 / NA

Lab: BAT

| DAY ON TEST                                       | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$  |         |
|---|---|---------|
| FISCHER 344 RATS MALE  ANIMAL ID  O MG/KG 24 HR-N | 0     0     0     0     0       0     0     0     0     0       1     1     1     1     1       3     3     3     4     4       1     2     3     3     4 | * TOTAL |
| ALIMENTARY SYSTEM                                 |   | TOTAL   |
| Liver, Left Lobe                                  | + + + + +   | 6       |
| Liver, Median Lobe                                | + + + + +   | 6       |
| CARDIOVASCULAR SYSTEM NONE                        |   |         |
| ENDOCRINE SYSTEM NONE                             |   |         |
| GENERAL BODY SYSTEM NONE                          |   |         |
| GENITAL SYSTEM NONE                               |   |         |
| HEMATOPOIETIC SYSTEM NONE                         |   |         |
| INTEGUMENTARY SYSTEM                              |   |         |

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACETAMINOPHEN (4-HYDROXYACETANILIDE)

**CAS Number:** 103-90-2

Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Regsted: 01/11/2007 Time Report Reqsted: 12:12:22 First Dose M/F: 12/16/02 / NA

Lab: BAT

|  | DAY ON TEST      | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           |          |
|--|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| FISCHER 344 RATS MA<br>0 MG/KG 24 HR-N | ALE<br>ANIMAL ID | 0<br>0<br>1<br>3<br>1 | 0<br>0<br>1<br>3<br>2 | 0<br>0<br>1<br>3<br>3 | 0<br>0<br>1<br>4<br>3 | 0<br>0<br>1<br>4<br>4 | 0<br>0<br>1<br>4<br>5 | * TOTALS |
| MUSCULOSKELETAL S                      | SYSTEM           |                       |                       |                       |                       |                       |                       |          |
| NERVOUS SYSTEM<br>NONE                 |                  |                       |                       |                       |                       |                       |                       |          |
| RESPIRATORY SYSTE                      | M                |                       |                       |                       |                       |                       |                       |          |
| SPECIAL SENSES SYS                     | STEM             |                       |                       |                       |                       |                       |                       |          |
| URINARY SYSTEM                         |                  |                       |                       |                       |                       |                       |                       |          |
| Kidney                                 |                  | +                     | +                     | +                     | +                     | +                     | +                     | 6        |

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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Date Report Regsted: 01/11/2007 Time Report Reqsted: 12:12:22 First Dose M/F: 12/16/02 / NA

Lab: BAT

| DAY ON TEST                                       | 0           | 0           | 0 | 0           | 0           |         |
|---|-------------|-------------|---|-------------|-------------|---------|
|   | 2           | 2<br>       | 2 | 2           | 2           | <br>    |
| FISCHER 344 RATS MALE                             | 0           | 0           | 0 | 0           | 0           |         |
| 50 MG/KG24 HR-N                                   | 2<br>3<br>1 | 2<br>3<br>2 | 3 | 2<br>4<br>3 | 2<br>4<br>4 | * TOTAL |
| ALIMENTARY SYSTEM                                 |             |             |   |             |             |         |
| Liver, Left Lobe                                  | +           | +           | + | +           | +           | 6       |
| Liver, Median Lobe                                | +           | +           | + | +           | +           | 6       |
| CARDIOVASCULAR SYSTEM NONE  ENDOCRINE SYSTEM NONE |             |             |   |             |             |         |
| GENERAL BODY SYSTEM NONE                          |             |             |   |             |             |         |
| GENITAL SYSTEM NONE                               |             |             |   |             |             |         |
| HEMATOPOIETIC SYSTEM NONE                         |             |             |   |             |             |         |
|   |             |             |   |             |             |         |

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

x .. Lesion present

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

<sup>+ ..</sup> Tissue examined microscopically

I .. Insufficient tissue

Species/Strain: RATS/F 344

#### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACETAMINOPHEN (4-HYDROXYACETANILIDE)

**CAS Number:** 103-90-2

Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Regsted: 01/11/2007 Time Report Reqsted: 12:12:22 First Dose M/F: 12/16/02 / NA

Lab: BAT

|   | 1                     | 1                     | 1                     | 1                     | 1                     | 1                     |         |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------|
| DAY ON TEST                                     | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           |         |
| FISCHER 344 RATS MALE ANIMAL ID 50 MG/KG24 HR-N | 0<br>0<br>2<br>3<br>1 | 0<br>0<br>2<br>3<br>2 | 0<br>0<br>2<br>3<br>3 | 0<br>0<br>2<br>4<br>3 | 0<br>0<br>2<br>4<br>4 | 0<br>0<br>2<br>4<br>5 | * TOTAL |
| MUSCULOSKELETAL SYSTEM<br>NONE                  |                       |                       |                       |                       |                       |                       |         |
| NERVOUS SYSTEM<br>NONE                          |                       |                       |                       |                       |                       |                       |         |
| RESPIRATORY SYSTEM NONE                         |                       |                       |                       |                       |                       |                       |         |
| SPECIAL SENSES SYSTEM NONE                      |                       |                       |                       |                       |                       |                       |         |
| URINARY SYSTEM                                  |                       |                       |                       |                       |                       |                       |         |
| Kidney  | +                     | +                     | +                     | +                     | +                     | +                     | 6       |

x .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically Page 5

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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**CAS Number:** 103-90-2

Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Regsted: 01/11/2007 Time Report Reqsted: 12:12:22 First Dose M/F: 12/16/02 / NA

Lab: BAT

|                            | 0 0 0 0 0 0   |         |
|----------------------------|---|---------|
| DAY ON TEST                | $\begin{array}{c c c c c c c c c c c c c c c c c c c $  |         |
| FISCHER 344 RATS MALE      |   |         |
| 150MG/KG24 HR-N            | 3     3     3     3     3       3     3     3     4     4     4       1     2     3     3     4     5 | * TOTAL |
| ALIMENTARY SYSTEM          |   |         |
| Liver, Left Lobe           | + + + + +   | 6       |
| Liver, Median Lobe         | + + + + +   | 6       |
| CARDIOVASCULAR SYSTEM NONE |   |         |
| ENDOCRINE SYSTEM NONE      |   |         |
| GENERAL BODY SYSTEM NONE   |   |         |
| GENITAL SYSTEM NONE        |   |         |
| HEMATOPOIETIC SYSTEM NONE  |   |         |
| INTEGUMENTARY SYSTEM       |   |         |

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

2) Mild

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate 4) Marked

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACETAMINOPHEN (4-HYDROXYACETANILIDE)

**CAS Number:** 103-90-2

Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Regsted: 01/11/2007 Time Report Reqsted: 12:12:22 First Dose M/F: 12/16/02 / NA

Lab: BAT

| DAY ON TEST                                       | 0<br>0<br>2           | 0 0 2                 | 0 0 2                 | 0<br>0<br>2           | 0 0 2                 | 0<br>0<br>2           |          |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| FISCHER 344 RATS MALE  ANIMAL ID  150MG/KG24 HR-N | 0<br>0<br>3<br>3<br>1 | 0<br>0<br>3<br>3<br>2 | 0<br>0<br>3<br>3<br>3 | 0<br>0<br>3<br>4<br>3 | 0<br>0<br>3<br>4<br>4 | 0<br>0<br>3<br>4<br>5 | * TOTALS |
| MUSCULOSKELETAL SYSTEM NONE                       |                       |                       |                       |                       |                       |                       |          |
| NERVOUS SYSTEM<br>NONE                            |                       |                       |                       |                       |                       |                       |          |
| RESPIRATORY SYSTEM NONE                           |                       |                       |                       |                       |                       |                       |          |
| SPECIAL SENSES SYSTEM NONE                        |                       |                       |                       |                       |                       |                       |          |
| URINARY SYSTEM                                    |                       |                       |                       |                       |                       |                       |          |
| Kidney  | +                     | +                     | +                     | +                     | +                     | +                     | 6        |

x .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: RATS/F 344

#### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACETAMINOPHEN (4-HYDROXYACETANILIDE)

**CAS Number:** 103-90-2

Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Regsted: 01/11/2007 Time Report Reqsted: 12:12:22 First Dose M/F: 12/16/02 / NA

Lab: BAT

|  | $\overline{}$         | 1                     | 1                     | 1                     | 1                     | 1                     |                              |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|
| DAY ON TEST  | 0<br>0<br>2           | 0 0 2                 | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           |                              |
| FISCHER 344 RATS MALE  ANIMAL ID  1500MG/K24 HR-N  | 0<br>0<br>4<br>3<br>1 | 0<br>0<br>4<br>3<br>2 | 0<br>0<br>4<br>3<br>3 | 0<br>0<br>4<br>4<br>3 | 0<br>0<br>4<br>4<br>4 | 0<br>0<br>4<br>4<br>5 | * TOTALS                     |
| ALIMENTARY SYSTEM  |                       |                       |                       |                       |                       |                       |                              |
| Liver, Left Lobe<br>Centrilobular, Necrosis<br>Hepatocyte, Hypertrophy<br>Sinusoid, Congestion   | +<br>2<br>2           | +<br>3<br>3           | +<br>3<br>3           | +<br>2<br>2<br>2      | +<br>3<br>1<br>3      | +<br>3<br>1<br>3      | 6<br>6 2.7<br>3 1.3<br>6 2.7 |
| Liver, Median Lobe<br>Centrilobular, Necrosis<br>Hepatocyte, Hypertrophy<br>Sinusoid, Congestion | +<br>3                | +<br>3<br>3           |                       | +<br>2<br>2<br>2      | +<br>3<br>1<br>3      | +<br>3<br>1<br>3      | 6<br>6 2.8<br>3 1.3<br>6 2.8 |
| CARDIOVASCULAR SYSTEM NONE   |                       |                       |                       |                       |                       |                       |                              |
| ENDOCRINE SYSTEM NONE  |                       |                       |                       |                       |                       |                       |                              |
| GENERAL BODY SYSTEM NONE   |                       |                       |                       |                       |                       |                       |                              |
| GENITAL SYSTEM   |                       |                       |                       |                       |                       |                       |                              |

# **HEMATOPOIETIC SYSTEM**

NONE

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACETAMINOPHEN (4-HYDROXYACETANILIDE)

**CAS Number:** 103-90-2

Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Regsted: 01/11/2007 Time Report Reqsted: 12:12:22 First Dose M/F: 12/16/02 / NA

Lab: BAT

|   | -                     | 1                     |                       |                       |                       |                       |            |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------|
| DAY ON TEST                                     | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           | 0<br>0<br>2           |            |
| FISCHER 344 RATS MALE ANIMAL ID 1500MG/K24 HR-N | 0<br>0<br>4<br>3<br>1 | 0<br>0<br>4<br>3<br>2 | 0<br>0<br>4<br>3<br>3 | 0<br>0<br>4<br>4<br>3 | 0<br>0<br>4<br>4<br>4 | 0<br>0<br>4<br>4<br>5 | * TOTALS   |
| NONE  |                       |                       |                       |                       |                       |                       |            |
| INTEGUMENTARY SYSTEM NONE                       |                       |                       |                       |                       |                       |                       |            |
| MUSCULOSKELETAL SYSTEM NONE                     |                       |                       |                       |                       |                       |                       |            |
| NERVOUS SYSTEM NONE                             |                       |                       |                       |                       |                       |                       |            |
| RESPIRATORY SYSTEM NONE                         |                       |                       |                       |                       |                       |                       |            |
| SPECIAL SENSES SYSTEM NONE                      |                       |                       |                       |                       |                       |                       |            |
| URINARY SYSTEM                                  |                       |                       |                       |                       |                       |                       |            |
| Kidney<br>Renal Tubule, Necrosis                | +                     | +                     | +                     | +<br>2                | +                     | +                     | 6<br>1 2.0 |

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

2) Mild

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate 4) Marked

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: RATS/F 344

#### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACETAMINOPHEN (4-HYDROXYACETANILIDE)

**CAS Number:** 103-90-2

Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007 Time Report Reqsted: 12:12:22 First Dose M/F: 12/16/02 / NA

Lab: BAT

| DAY ON TEST                                       | )<br>)<br>! |
|---|-------------|
| FISCHER 344 RATS MALE  ANIMAL ID  2000MG/K24 HR-N |             |

#### **ALIMENTARY SYSTEM**

|                                       |   |   | • • • • • • • • |   |   |   |   |       |
|---------------------------------------|---|---|-----------------|---|---|---|---|-------|
| Liver, Left Lobe                      | + | + | +               | + | + | + | 6 |       |
| Centrilobular, Infiltration Cellular, |   |   |                 |   |   | 1 |   | 1 1.0 |
| Mononuclear Cell                      |   |   |                 |   |   | • |   |       |
| Centrilobular, Necrosis               | 2 | 2 | 2               | 2 | 3 | 1 |   | 6 2.0 |
| Hepatocyte, Hypertrophy               | 2 | 1 | 1               | 2 | 2 |   |   | 5 1.6 |
| Sinusoid, Congestion                  | 2 | 1 | 2               | 2 | 2 |   |   | 5 1.8 |
|                                       |   |   |                 |   |   |   |   |       |
| Liver, Median Lobe                    | + | + | +               | + | + | + | 6 |       |
| Centrilobular, Infiltration Cellular, | 4 |   |                 |   |   |   |   | 1 1.0 |
| Mononuclear Cell                      | I |   |                 |   |   |   |   |       |
| Centrilobular, Necrosis               | 2 | 3 | 3               | 3 | 3 |   |   | 5 2.8 |
| Hepatocyte, Hypertrophy               | 2 | 1 | 1               | 2 | 2 |   |   | 5 1.6 |
| Sinusoid, Congestion                  | 2 | 2 | 2               | 3 | 2 |   |   | 5 2.2 |

## **CARDIOVASCULAR SYSTEM**

NONE

### **ENDOCRINE SYSTEM**

NONE

# **GENERAL BODY SYSTEM**

NONE

### **GENITAL SYSTEM**

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 10

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: RATS/F 344

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

ACETAMINOPHEN (4-HYDROXYACETANILIDE)

**CAS Number:** 103-90-2

Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007 Time Report Reqsted: 12:12:22 First Dose M/F: 12/16/02 / NA

Lab: BAT

| ecles/otrain. NATO/T 344                        | Tathologist: NONTZ, T VACCONCEEGG, D. (past)  |       |
|---|---|-------|
| DAY ON TEST                                     | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$  |       |
| FISCHER 344 RATS MALE ANIMAL ID 2000MG/K24 HR-N | 0     0     0     0     0       0     0     0     0     0       5     5     5     5     5       3     3     4     4     4 | OTAL! |
| NONE  |   |       |
| HEMATOPOIETIC SYSTEM NONE                       |   |       |
| INTEGUMENTARY SYSTEM NONE                       |   |       |
| MUSCULOSKELETAL SYSTEM NONE                     |   |       |
| NERVOUS SYSTEM NONE                             |   |       |
| RESPIRATORY SYSTEM NONE                         |   |       |
| SPECIAL SENSES SYSTEM NONE                      |   |       |
| URINARY SYSTEM                                  |   |       |
| Kidney<br>Renal Tubule, Necrosis                | + + + + + + + + + + + + + + + + + + +   | 5 1.6 |
|   |   |       |

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1) Minimal 3) Moderate

2) Mild

1-4 .. Lesion qualified as:

4) Marked

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: RATS/F 344

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ACETAMINOPHEN (4-HYDROXYACETANILIDE)

**CAS Number:** 103-90-2

Pathologist: KURTZ, F. - VASCONCELOS, D. (past)

Date Report Reqsted: 01/11/2007 Time Report Reqsted: 12:12:22 First Dose M/F: 12/16/02 / NA

Lab: BAT

| DAY ON TEST                               | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
|---|--|
| HER 344 RATS MALE  ANIMAL ID  IG/K24 HR-N | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
|   | 1 2 3 3 4 5  |

\*\*\* END OF MALE DATA \*\*\*

\*\*\* END OF REPORT \*\*\*

4) Marked

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically